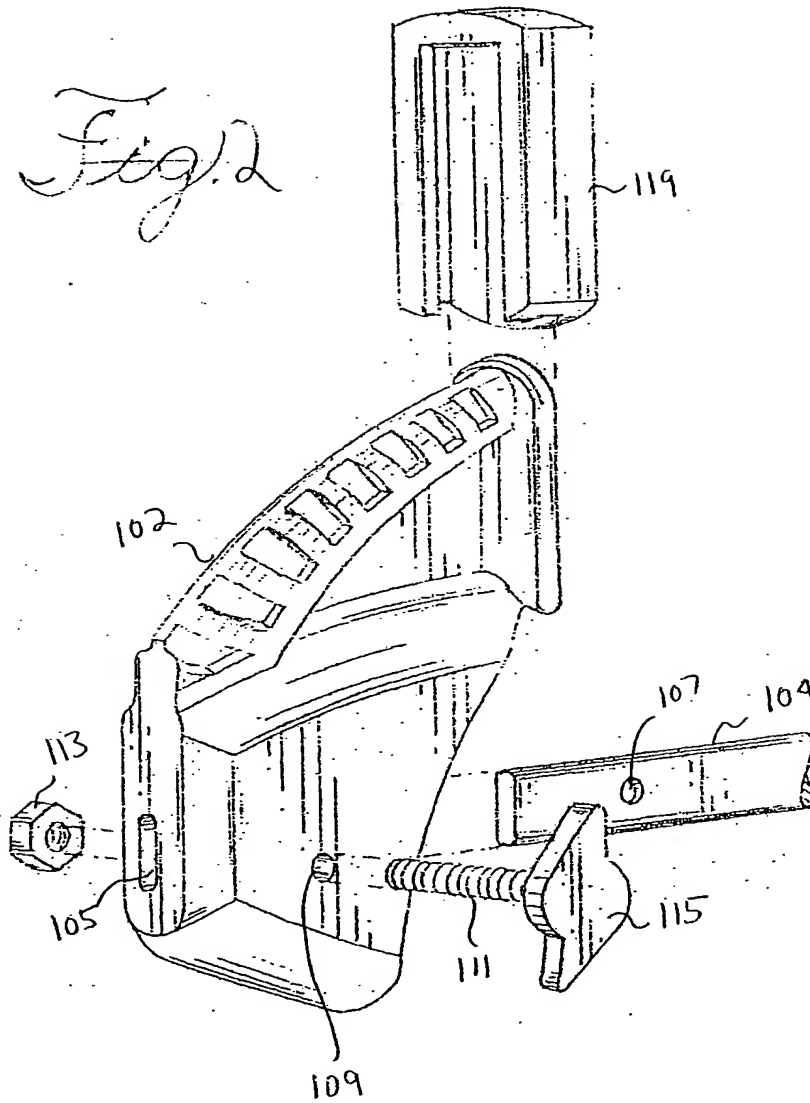


Fig. 1



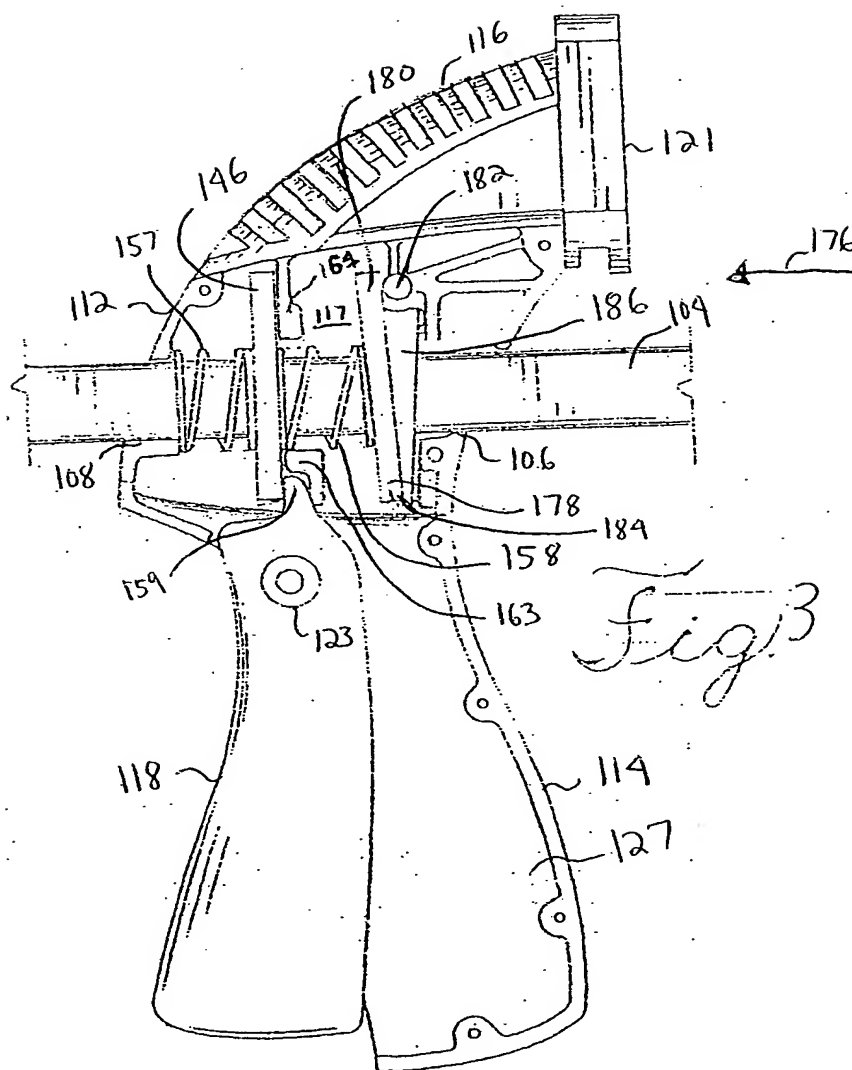


FIG. 4

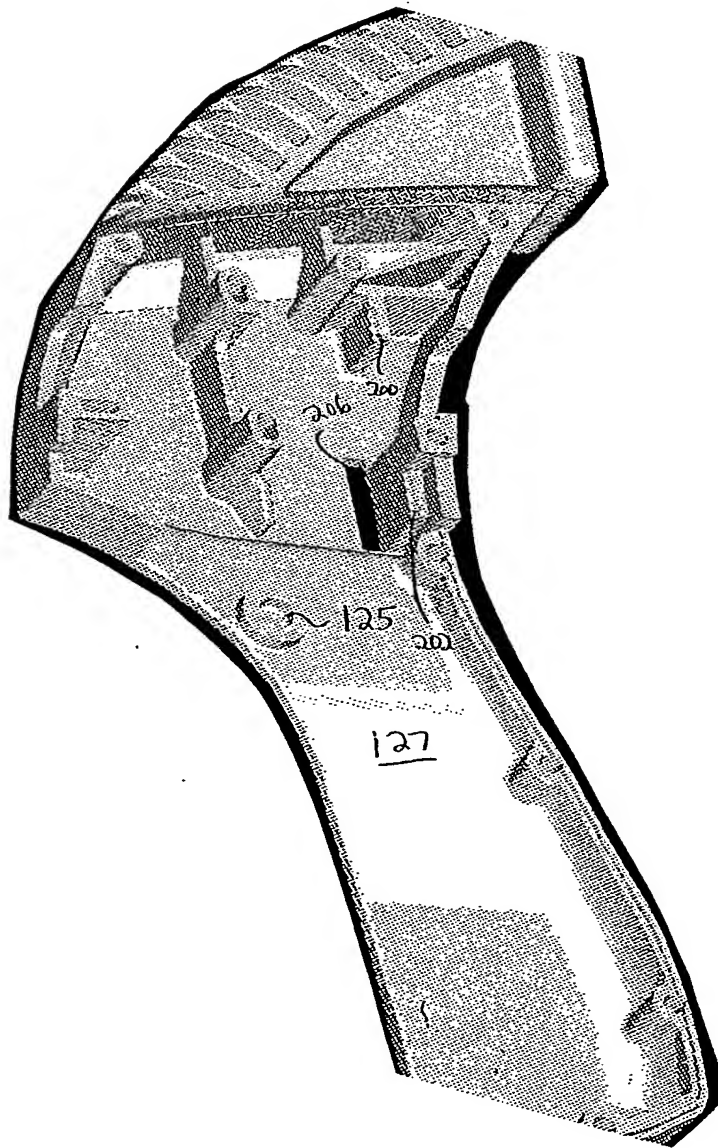
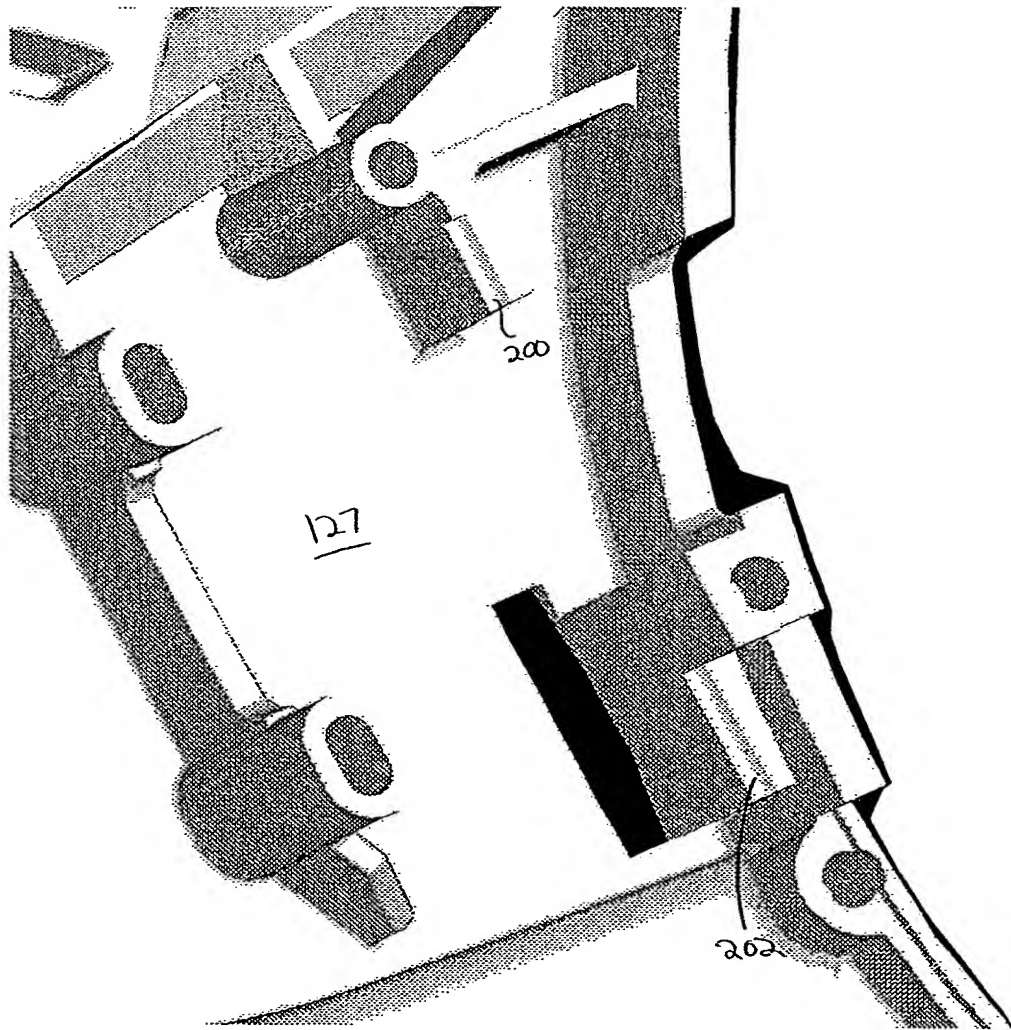


FIG. 5



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FIG. 6

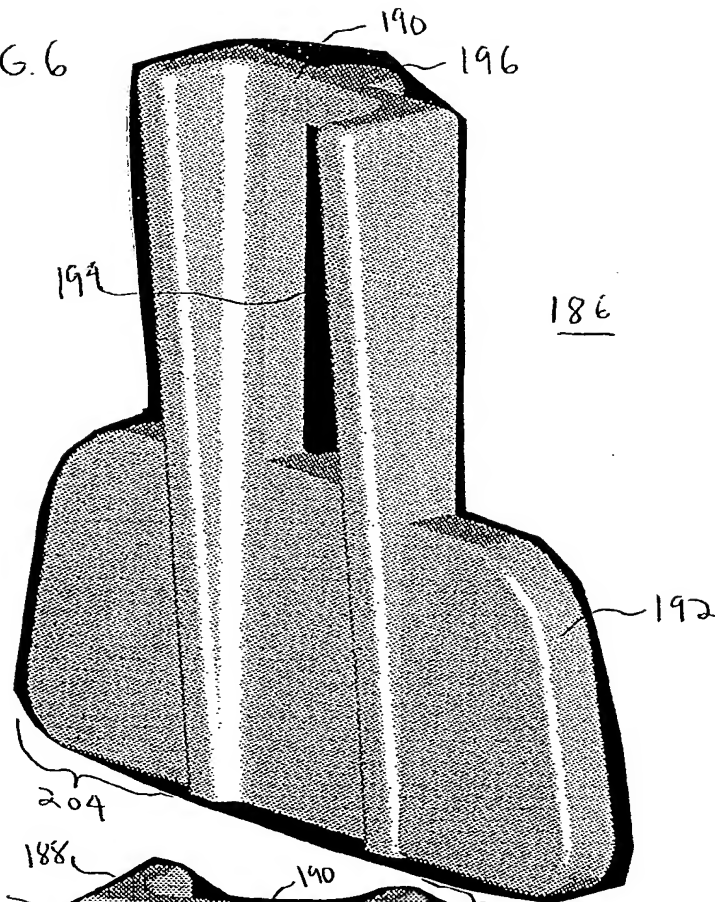


FIG. 7

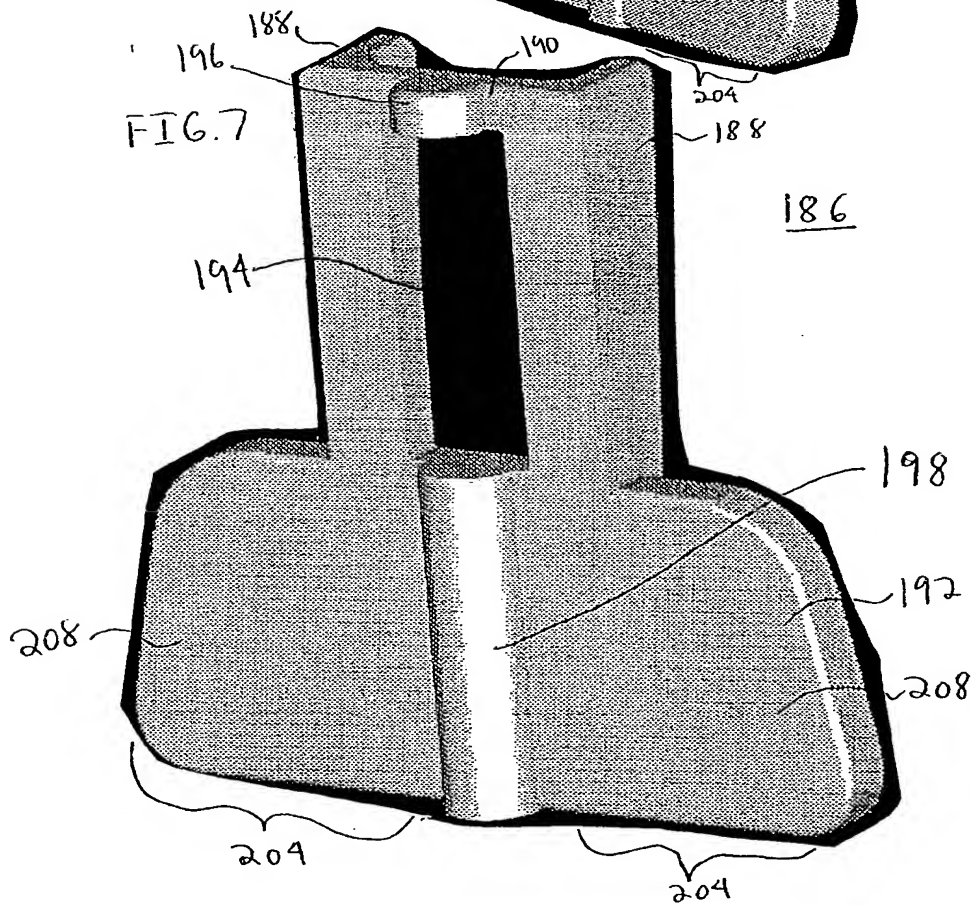
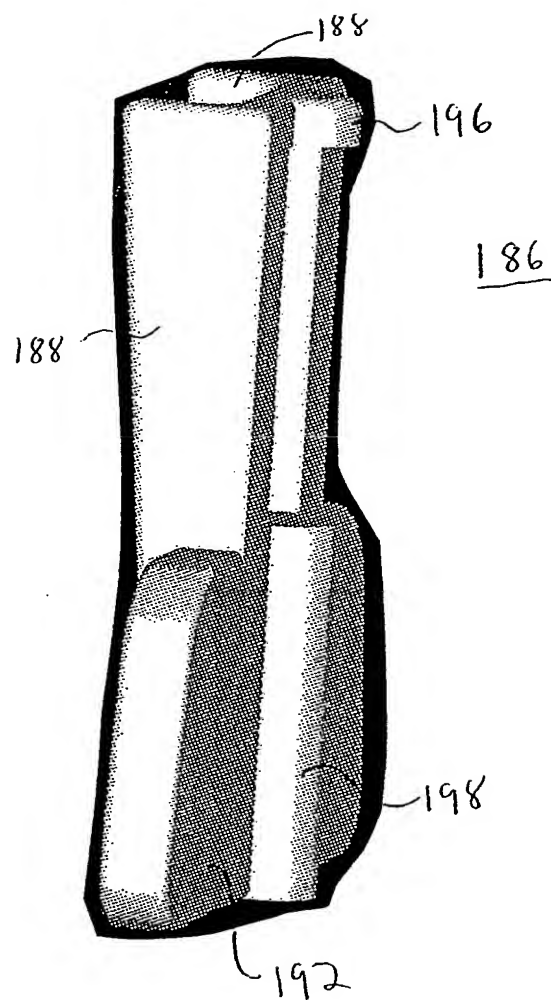


FIG. 8



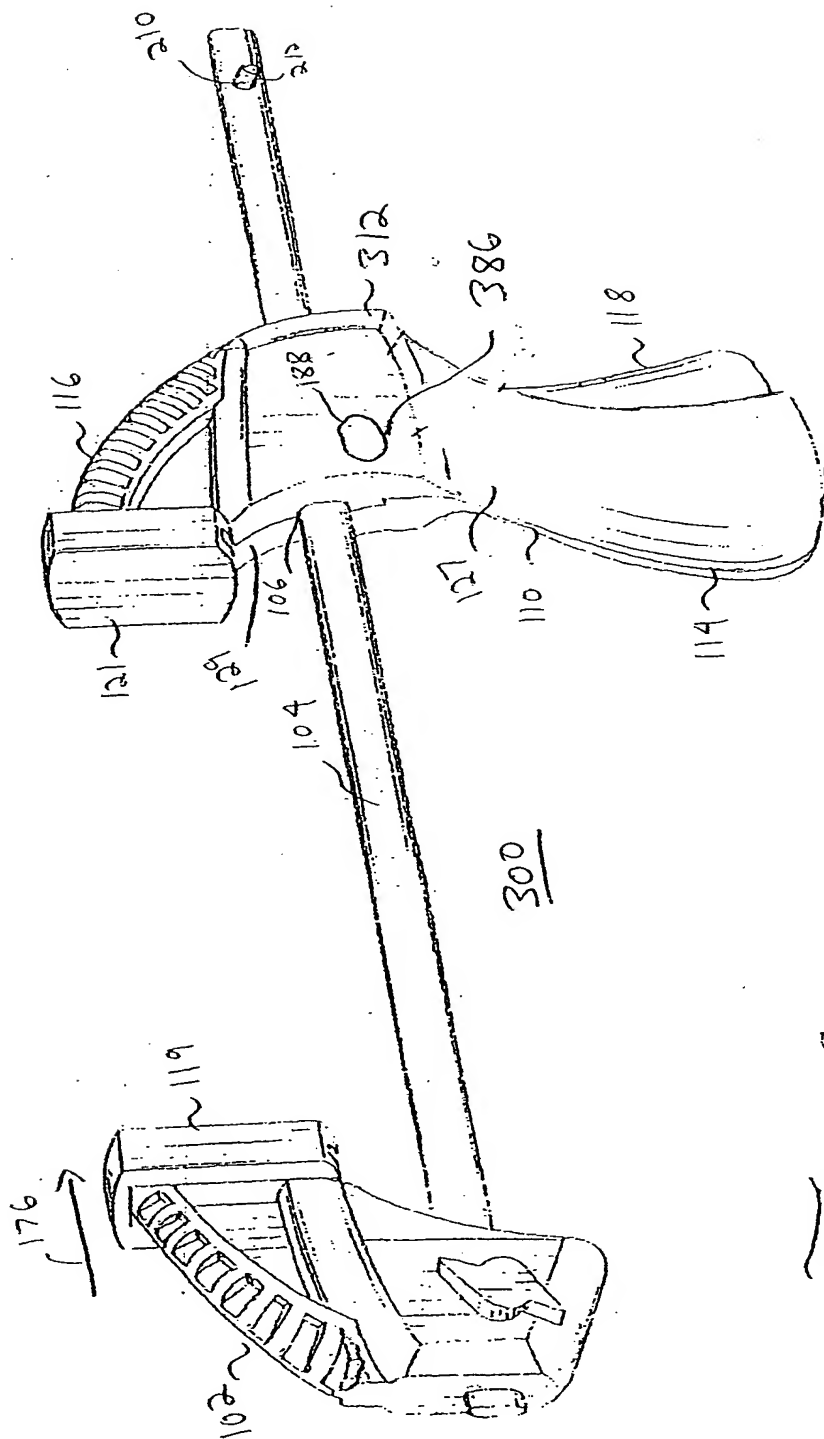


Fig. 9



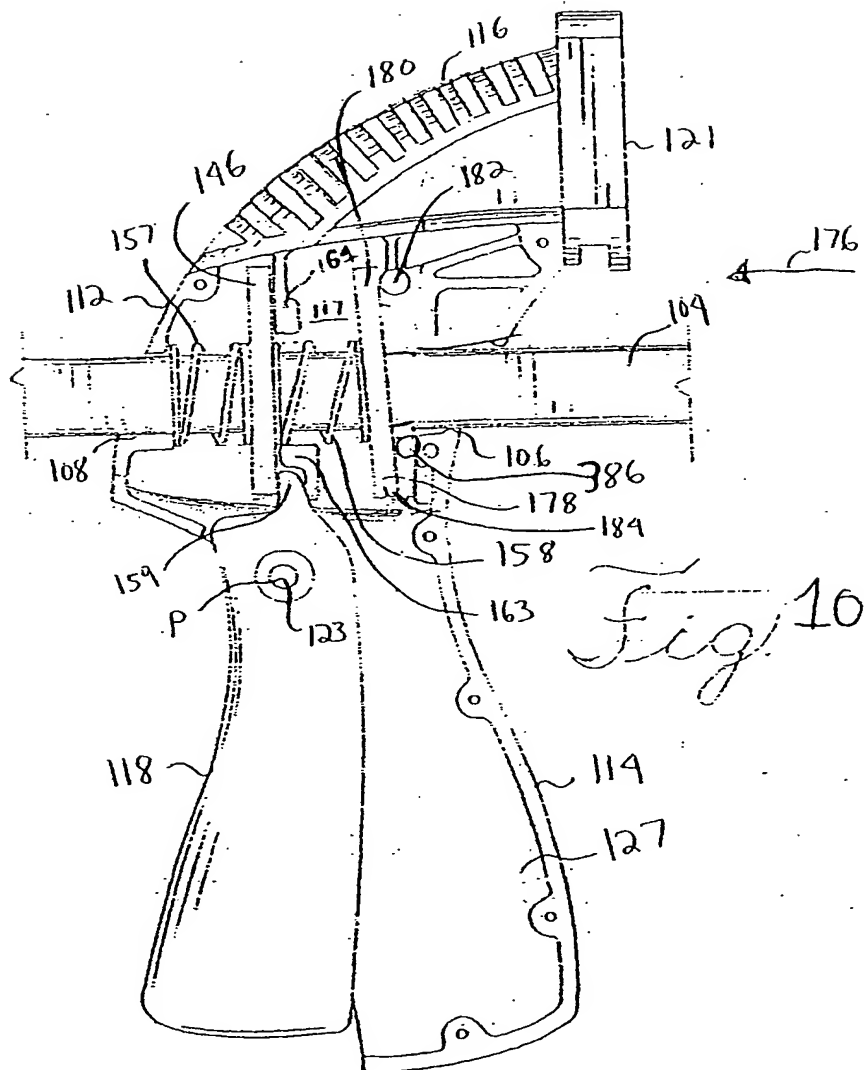


FIG. 11

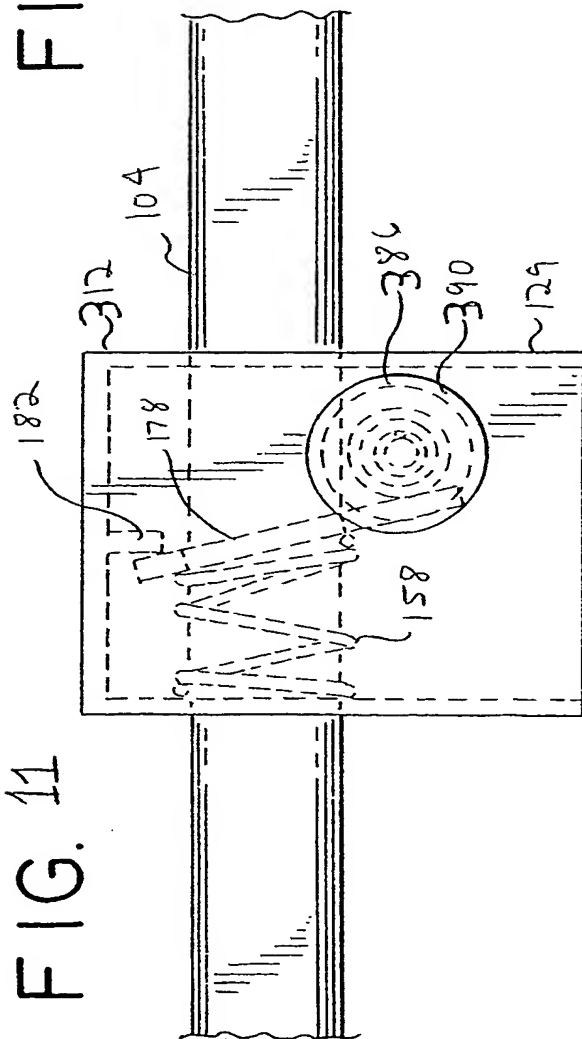
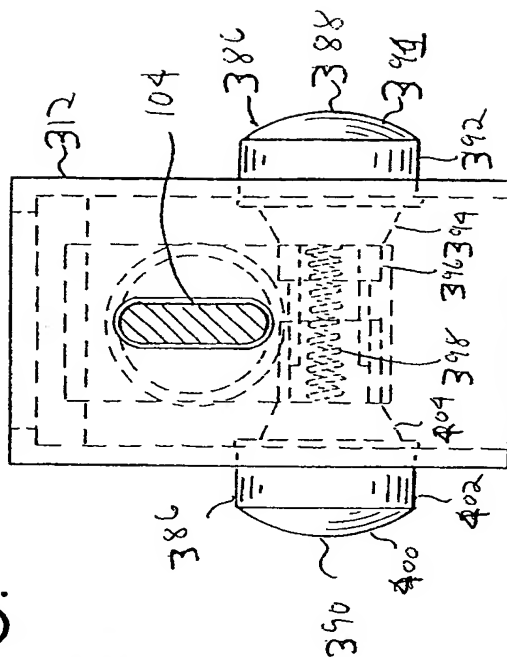


FIG. 13



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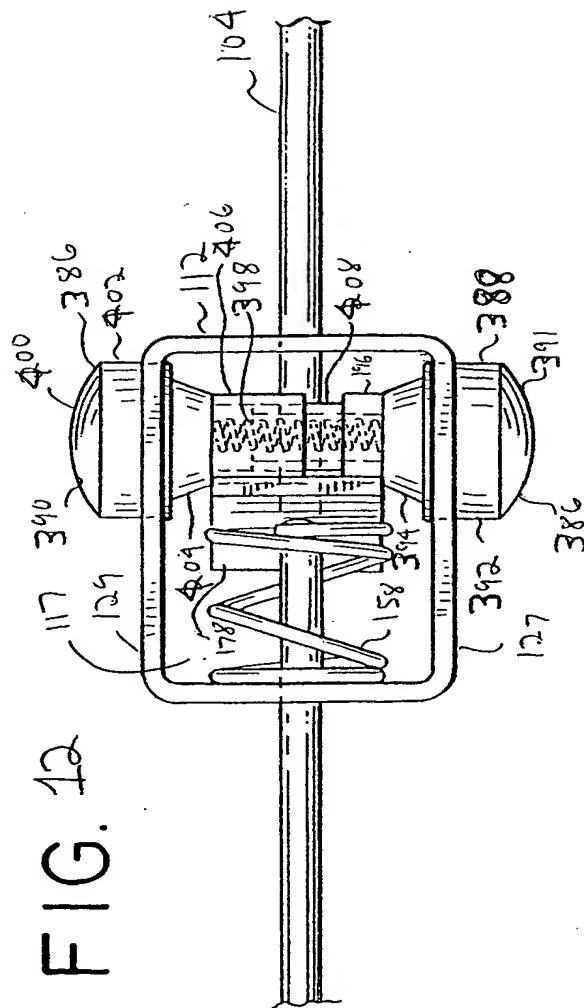


FIG. 14

104

182

178

386

390

158

129

FIG. 15

FIG. 15 is a cross-sectional view of a mechanical assembly. A central shaft 104 passes through a housing 117. Inside the housing, there is a central component 158 with a zigzag internal structure. This component is flanked by two sets of angled blades or vanes 178. The entire assembly is sealed at both ends by circular components 390 and 392, which are part of a larger structure 386. Arrows indicate forces or movement: a downward arrow 388 on the left and an upward arrow 391 on the right. Various diameters are labeled: 400, 402, 404, 406, 396, and 394. The housing has a flange 127 at the bottom.